

Docket No.: PHRM0023-100 (00329US1)

PATENT

#13/1Rw



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peter Lind

Serial No.: 09/930,312

Group Art Unit: 1646

Filed: August 15, 2001

Examiner: Dong Jiang

Title: NOVEL G PROTEIN-COUPLED RECEPTORS

Express Mail Number: EV 146602132 US

Deposited: May 12, 2003

RECEIVED

MAY 20 2003

TECH CENTER 1600/2900

Commissioner for Patent  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

RESPONSE

This paper is filed in response to the Office Action dated December 12, 2002. The period to respond is extended by payment of the appropriate fee, provided herewith.

REMARKS

Claims 1-79, all the pending claims, are subject to a restriction requirement.

The Examiner required Applicant to elect one of fifteen patentably distinct inventions for examination.

Applicant provisionally elects herein Group I, encompassing claims 1-22, 25-29, and 67-72, "drawn to an isolated nucleic acid encoding a polypeptide, a vector containing same, a host cell thereof, and a method of recombinantly producing the encoded polypeptide, classified in class 435, subclass 69.1".

Notwithstanding the foregoing, Applicant respectfully submits that no serious burden would be imposed upon the Examiner by combining several of the groups.

Applicant reserves the right to prosecute the claims encompassed by any of the non-elected groups in future divisional applications.

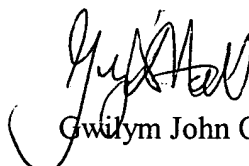
**Change of Correspondence Address**

As set forth on the attached "Change of Correspondence Address" form SB-122, Applicant respectfully requests that all future correspondence related to this application be directed to:

Gwilym J. O. Attwell  
COZEN O'CONNOR, P.C.  
1900 Market Street  
Philadelphia, PA 19103-3508  
Telephone: (215) 665-2000  
Facsimile: (215) 701-2004

The examination of these claims and passage to allowance are respectfully requested. An early Notice of Allowance is therefore earnestly solicited. Applicant invites the Examiner to contact the undersigned at (215) 665-6904 to clarify any unresolved issues raised by this response.

Respectfully submitted,

  
Gwilym John Owen Attwell  
Registration No. 45,449

Date: May 12, 2003  
COZEN O'CONNOR, P.C.  
1900 Market Street  
Philadelphia, PA 19103-3508  
Telephone: (215) 665-2000  
Facsimile: (215) 701-2004



PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/930,312
	Filing Date	August 15, 2001
	First Named Inventor	Peter Lind
	Art Unit	1646
	Examiner Name	Dong Jiang
Total Number of Pages in This Submission	Attorney Docket Number	PHRM0026-100/00329.US1

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input checked="" type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
Express Mail No.: Ev 146602132 US Date of Deposit: May 12, 2003		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Gwilym J. O. Attwell	
Signature		
Date	May 12, 2003	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 1450.00)

**Complete if Known**

Application Number	09/930,312
Filing Date	August 15, 2001
First Named Inventor	Peter Lind
Examiner Name	Dong Jiang
Art Unit	1646
Attorney Docket No.	PHRM0026-100/00329US1

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MAY 20 2003  
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**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit card ☐ Money ☒ Other ☐ None  
Order

☒ Deposit Account:

Deposit Account Number: 50-1275

Deposit Account Name: Cozen O'Connor, P.C.

The Commissioner is authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$0)</b>

**2. EXTRA CLAIM FEES**

Total Claims 20 - 20 \*\* = 0 X 0 = 0

Independent Claims 3 - 3 \*\* = 0 X 0 = 0

Multiple Dependent 0 X 0 = 0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$0)</b>

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)

**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	1,450
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3)</b>					<b>(\$1,450)</b>

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>			
Name (Print/Type)	Gwilym J. O. Attwell	Registration No. Attorney/Agent	45,449	Telephone	215-665-6914
Signature		Date	May 12, 2003		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.